INDEX TO VOLUME 11

Author index

Adams, M. G., see Hartop, P. J., 27
Adams, M. G., see Jenkins, H. L., 141
Arai, S. Analysis of pigmentation in human skin: quantification of ultraviolet ray images by digital image processing, 103
Aziza, M. A. E., see Dyer, A., 175
Bayer, S. Fural glucitol as free radical scavenger in the process skin aging, 293
Balaguer, F., see Comelles, F., 5
Becheroni, L., see Fiorentini, G., 87
Bencini, P. L., see Rigano, L., 259
Black, D., see Marks, R., 59
Bourlioux, P., see Fourniat, J., 253
Carinelli, L., see Bader, S., 293
Cavalletti, T., see Bader, S., 293
Chiodi, F. Modele mathematique pour l'etude des equilibres physico-chemiques de permanentes, 283
Coll, J., see Comelles, F., 5
Comelles, F. Applications of ternery systems in specific cosmetic formulations, 5
Cotovio, J., see Tachon, P., 233
Diffey, B. L. Pitfalls in the *in vitro* determination of sunscreen protection factors using broad band ultraviolet radiation detectors and solar simulating radiation, 245
Dossou, K. G., see Tachon, P., 233
Dyer, A. Skin permeability to aromatic carboxylic acids: an *in vitro* comparison in pig ear, white mouse and brown mouse, 175
Ebling, F. John G. Point of View: The Dilemma of Cosmetic Science, 51
Edwards, C., see Marks, R., 59
Fiorentini, G. Hyaluronic acid: analytical procedures for purity determination, polymerization degrees and comparative test *in vivo*, 87
Fourniat, J. Activity of capryloyl collagenic acid against bacteria involved in acne, 253
Fukasawa, Jun-ichi New oil-gelling agents for cosmetics: formation mechanism of oil gels, 153
Garcia Ramon, M. T. Comparison of diffusion of anionic surfactants through cellulose acetate and collagen membranes, 121
Gerrard, W. A. The measurements of hair colour, 97
Giani, P., see Mignini, E., 121
Ha Byung-Jo, see Kim Young-Dae, 203
Hara, Y., see Arai, S., 103
Hartop, P. J. Simulated consumer exposure to propellant HCFC 22 (chlorodifluoromethane) in aerosol personal products, 27
Hayashi, S. Changes in surface configuration of the skin caused by ageing and application of cosmetics: three-dimensional analysis according to a new system based on image analysis and Fourier transformation, 67
Hilterhaus-Bong, S. Contributions to the chemistry of human hair: II. Lipid chemical aspects of permanently waved hair, 167
Hilterhaus-Bong, S. Contributions to the chemistry of human hair: III. Protein chemical aspects of permanent waving treatments, 221
Di Iorio, G., see Fiorentini, G., 87
Ishida, Atsuo, see Fukasawa, Jun-ichi, 153
Jenkins, H. L. Progressive evaluation of skin irritancy of cosmetics using human volunteers, 141
Kim Young-Dae, Hydrolysed ginseng-saponin quaternary: a novel conditioning agent for hair care products, 203
Kim Chang-Kew, see Kim Young-Dae, 203
Langlois, G. C. M., see Mignini, E., 21
Lee Chung-Nam, see Kim Young-Dae, 203
Marks, R. Non-invasive assessment of stratum corneum structure and function, 59
Megias, V., see Comelles, F., 5
Mignini, E. Ageing and free radical formation. A biochemical approach to evaluate the efficacy of cosmetic preparations, 21
Mimura, J., see Arai, S., 103
Mimura, K., see Hayashi, S., 67
Nagasawa, H., see Arai, S., 103
Nishijima, Y., see Arai, S., 103
Nishijima, Y., see Hayashi, S., 67
Pantarotto, C., see Mignini, E., 21
Parra, J. L., see Comelles, F., 5
Parra, J. L., see Garcia Ramon, M. T., 121
Pelejero, C., see Comelles, F., 5
Petter, P. J. Acetylene-derived polymers and their application in hair and skin care, 35
Philp, J. The ultraviolet microscopic transmission characteristics of human stratum corneum, 185
Prunieras, M., see Tachon, P., 233
Ribosa, I., see Garcia Ramon, M. T., 121
Rigano, L. Use and properties of perfluoropolymethyl-isopropyl-ethers in skin and hair cleaning; system stabilization and interference with sebum redistribution on skin and hair, 259
Rodelet, J.-F. Point of View, 1
Sanchez, J., see Comelles, F., 5
Sanchez Leal, J., see Garcia Ramon, M. T., 121
Savonelli, S., see Rigano, L., 259
Shahin, M. M. Studies on the mutagenicity of aniline in association with norharman in the *Salmonella*/mammalian microsome assay, 129
Tachon, P. Assessment of surfactant cytotoxicity: comparison with the Draize eye test, 233
Traniello, S., see Bader, S., 293
Tsutsumi, Hisao, see Fukasawa, Jun-ichi, 153
Young-Dae, Kim, Hydrolysed ginseng-saponin quaternary: a novel conditioning agent for hair care products, 203
Zahn, H., see Hilterhaus-Bong, S., 167
Zahn, H., see Hilterhaus-Bong, S., 221

Subject index

A-scan ultrasound; Non-invasive assessment of stratum corneum structure and function, 59

Acetylene-derived Polymers; Acetylene-derived polymers and their applications in hair and skin care, 35

Acne; Activity of capryloyl collagenic acid against bacteria involved in acne, 253

Aerosol; Simulated consumer exposure to propellant HCFC 22 (Chlorodifluoromethane) in aerosol personal products, 27

Analysis; Hyaluronic acid: analytical procedures for purity determination polymerisation degrees and comparative instrumental test '*in vivo*', 87

Aniline; Studies on the non-mutagenicity of aniline in association with norharman in the *Salmonella*/mammalian microsome test, 129

Anionic surfactants; Comparison of diffusion by anionic surfactants through cellular acetate and collagen membranes, 121

Capryloyl collagenic acid; Activity of capryloyl collagenic acid against bacteria involved in acne, 253

Carboxylic acids; Skin permeability to aromatic acids: an *in vitro* comparison in pig ear, white mouse and brown mouse, 175

Cellular toxicity; Assessment of surfactant cytotoxicity: comparison with Draize eye test, 233

Chromameter; The measurement of hair colour, 97

Diffusion; Comparison of diffusion by anionic surfactants through cellulose acetate and collagen membranes, 121

Free radicals; Ageing and free radical formation. A biochemical approach to evaluate the efficacy of cosmetic preparations, 21

Gelling agents; New oil-gelling agents for cosmetics: formation mechanism for oil gels, 153

Ginseng; Hydrolysed ginseng-saponin quarternary; a novel conditioning agent for hair care products, 203

Hair; Contributions to the chemistry of human hair: III. Protein chemical aspects of permanent waving treatments, 221

Hair care products; Hydrolysed ginseng-saponin quarternary: a novel conditioning agent for hair care products, 203

Hair cleaning; Use and properties of perfluoropoly methyl-isopropyl-ethers in skin and hair cleaning; system stabilization and interference with sebum redistribution in skin and hair, 259

Hair colour; The measurement of hair colour, 97

HCFC 22; Simulated consumer exposure to propellant HCFC 22 (chlorodifluoromethane) in aerosol products, 27

Human hair; Contributions to the chemistry of human hair: II. Lipid chemical aspects of permanently waved hair, 167

Human skin; Progressive evaluation of skin irritancy of cosmetics using human volunteers, 141

Hyaluronic acid; Hyaluronic acid: analytical procedures for purity determination polymerization degrees and comparative instrumental test '*in vitro*', 87

Image analysis; Changes in surface configuration of the skin caused by ageing and application of cosmetics: three-dimensional analysis according to a new system based on image analysis and Fourier transformation, 67

Internal Hair lipids; Contributions to the chemistry of human hair: II. Lipid chemical aspects of permanently waved hair, 167

Lipsticks; New oil-gelling agents for cosmetics: formation mechanism of oil gels, 153

Non-mutagenicity; Studies on the mutagenicity of aniline in association with norharman in the *Salmonella*/mammalian microsome assay, 129

Permanent wave lotions; Mathematical model for the study of the physico-chemical equilibria of permanent wave solutions, 283

Permanent waving; Contributions to the chemistry of human hair: II. Lipid chemical aspects of permanently waved hair, 167

Contributions to the chemistry of human hair: III. Protein chemical aspects of permanent waving treatments, 221

Pigmentation; Analysis of pigmentation in human skin: quantification of ultraviolet ray images by digital image processing, 103

Point of view;
I. By Jean-François Rodolet, 1
II. The Dilemma of Cosmetic Science, by F. John G. Ebling, 51
Polyvinylpyrrolidone; Acetylene-derived polymers and their application in hair and skin care, 35

Skin Cleaning; Use and properties of perfluoropoly methyl-isopropyl-ethers in skin and hair cleaning; system stabilization and interference with sebum redistribution on skin and hair, 259
Skin penetration; Progressive evaluation of skin irritancy of cosmetics using human volunteers, 141
Skin permeability; Skin permeability to aromatic carboxylic acids: an *in vitro* comparison in pig ear, white mouse and brown mouse, 175
Stratum corneum; Non-invasive assessment of stratum corneum structure and function, 59
The ultraviolet microscopic transmission characteristics of human stratum corneum, 185
Sun protection factors; Pitfalls in the *in vitro* determination of sunscreen protection factors using broad band ultraviolet radiation detectors and solar simulating radiation, 245
Sunscreens; Application of ternary systems in specific cosmetic formulations, 5
Surface configuration; Changes in surface configuration of the skin caused by ageing and application of cosmetics: three-dimensional analysis according to a new system based on image analysis and Fourier transformation, 67

Ternary systems; Application of ternary systems in specific cosmetic formulations, 5
Thioglycolic acid; Mathematical model for the study of the physico–chemical equilibrium of permanent wave solutions, 283

Ultraviolet; Ageing and free-radical formation. A biochemical approach to evaluate the efficacy of cosmetic preparations, 21
Analysis of pigmentation in human skin; quantification of ultra-violet ray images by digital image processing, 103
The ultraviolet microscope transmission characteristics of human stratum corneum, 185
Ultraviolet radiometry; Pitfalls in the *in vitro* determination of sunscreen protection factors using broad band ultraviolet radiation detectors and solar simulating radiation, 245
V 79 cells; Assessment of surfactant cyclitoxicity: comparison with the Draize test, 233